Index of Claims

| Application No. | Applicant(s) | | | | | | |
|-----------------|----------------|----|--|--|--|--|--|
| 09/873,250 | MATSUMOTO ET A | L. | | | | | |
| Examiner | Art Unit | | | | | | |

| √ | Rejected |
|----------|----------|
| = | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| + | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

Michael R Shannon

| A | Appeal |
|---|----------|
| 0 | Objected |

2614

| Cla | aim | Date | | | | | | | | | | |
|----------------|--|---|--------------|----------|--------------|----------|--------------------|--------------|----------|-----------------|--|--|
| Final | Original | 3/31/05 | 9/16/05 | | | | | | | | | |
| | | | 1 | _ | | | _ | | | Н | | |
| _ | 2 | V | ۲ | \vdash | | - | \vdash | Н | - | Н | | |
| <u> </u> | 3 | 7 | ┰ | | | | Н | H | | Н | | |
| | 1 2 3 4 5 6 7 | V | ∀ | | _ | _ | \vdash | \vdash | _ | Н | | |
| | 5 | 1 | ∀ | \vdash | | | | \vdash | _ | \vdash | | |
| | 6 | 1 | 1 | | | | | | | | | |
| | 7 | 1 | 7 | | | | | | | | | |
| | 8 | 1 | 4 | | | | | | | П | | |
| | 9 | 1 | 4 | | | | | | | | | |
| | 10 | 1 | 1 | | | | | | | | | |
| | 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 | ファ ファ ファ ファ ファ ファ ファ ファ ファ ファ ファ ファ ファ フ | ファファファファファファ | L. | | | | | | | | |
| | 12 | 1 | 1 | | L | Ĺ | Ш | | | Ш | | |
| | 13 | 1 | 1 | L | L. | | | Ш | | Ш | | |
| | 14 | 1 | 1 | <u> </u> | <u> </u> | _ | \square | | | Щ | | |
| | 15 | V | 1 | _ | | | | _ | | | | |
| | 16 | V | 1 | _ | | | _ | _ | | Ш | | |
| | 17 | 1 | 1 | L | L | <u> </u> | ļ | \vdash | _ | Щ | | |
| | 18 | <u> </u> | <u> </u> | _ | L | <u> </u> | <u> </u> | _ | | Щ | | |
| | 19 | ⊢ | <u> </u> | - | _ | _ | \vdash | \vdash | | Щ | | |
| | 20 | ┢ | - | \vdash | | <u> </u> | - | - | | Н | | |
| | 22 | ⊢ | _ | - | H | ┝ | \vdash | H | - | Н | | |
| - | 22 | - | \vdash | ├ | ⊢ | ├— | \vdash | | _ | Н | | |
| | 24 | | - | - | \vdash | ├ | \vdash | | - | Н | | |
| | 25 | \vdash | _ | ┢ | \vdash | - | | - | | H | | |
| - | 26 | - | | \vdash | \vdash | ┢ | | | | Н | | |
| | 27 | ╁╴ | | H | | | | | | Н | | |
| | 28 | | | \vdash | | | | | | М | | |
| | 29 | | | | m | | | - | | Н | | |
| | 30 | | | | | | | | | П | | |
| | 30 31 32 33 34 | | | | | | | | | П | | |
| | 32 | | | | | | | | | | | |
| | 33 | | | | | | | | | \Box | | |
| | 34 | | | | | | | | | | | |
| | 35 | | | | | | | | | | | |
| | 35 36 37 | | | | | 匚 | | | | | | |
| | 37 | 匚 | | <u> </u> | | Ĺ | | | | | | |
| | 38 39 | _ | L | <u> </u> | L_ | L | $oxedsymbol{oxed}$ | | Ĺ | | | |
| | 39 | _ | _ | <u> </u> | L | _ | <u>L</u> | Ш | L | Ш | | |
| | 40 | <u> </u> | lacksquare | <u> </u> | <u> </u> | <u>L</u> | <u> </u> | <u> </u> | L | Ш | | |
| | 41 | <u> </u> | L | <u> </u> | _ | <u> </u> | <u> </u> | ┞ | _ | Ш | | |
| <u> </u> | 42 | ₩ | ⊢ | \vdash | ⊢- | | <u> </u> | <u> </u> | <u> </u> | Н | | |
| <u> </u> | 43 | <u> </u> | ├— | _ | \vdash | | <u> </u> | | <u> </u> | - | | |
| | 44 | | - | | ⊢ | \vdash | | ├ | <u> </u> | $\vdash \vdash$ | | |
| | 45 | | - | - | ├- | ⊢ | ⊢ | ⊢ | \vdash | $\vdash \vdash$ | | |
| | 46 | \vdash | - | \vdash | \vdash | ⊢ | ⊢ | | \vdash | ├┤ | | |
| - | 47 48 | \vdash | - | \vdash | \vdash | \vdash | - | | ⊢ | H | | |
| | 48 | | \vdash | \vdash | | ├ | \vdash | - | \vdash | \vdash | | |
| <u> </u> | 50 | \vdash | \vdash | \vdash | \vdash | ⊢ | \vdash | - | ┝ | \vdash | | |

| Claim | | Date | | | | | | | | Claim | | | Date | | | | | | | | | |
|----------|----------|--|----------|--|--|--------------|--|--------------|----------|--|-----|----------|----------------|----------|--------------|----------|----------|----------|--------------|--------------|----------|-----------------|
| E E | Original | 3/31/05 | 9/16/05 | | | | | | | | | Final . | Original | | | | | | | | | |
| _ | ō | ŀ | | | | | | | | | | J | | | | | | | | | | |
| _ | 1 | 1 | 1 | | | | | | | | | | 51 | | | | _ | | | | | |
| _ | 3 | 7 | 7 | _ | ⊢ | L | _ | \vdash | <u> </u> | _ | | | 52 | | | | | _ | | | | Н |
| \dashv | 4 | 7 | 1 | H | - | - | \vdash | \vdash | - | ├ | | | 53 54 | - | | | | - | | | | Н |
| Ħ | 5 | 1 | 7 | | | \vdash | | - | - | \vdash | | | 54 55 56 | - | _ | | _ | - | _ | _ | _ | Н |
| | 6 | V | 1 | | | \vdash | \vdash | - | _ | \vdash | | | 56 | - | | _ | - | \vdash | \vdash | | | H |
| | 7 | 7 | 7 | | | | | | | <u> </u> | | | 57 | | | | | | | | | Н |
| | 8 | 7 | 7 | | | | | | | | | | 58 59 | | | | | | | | | |
| | 9 | 7 | 1 | | | | | | | | | | 59 | | | | | | | | | |
| | 10 | 1 | 1 | _ | | <u> </u> | | | | L | | | 60 | | | | | L. | | | | |
| | 11 | 1 | 1 | <u> </u> | <u> </u> | ļ | | | <u> </u> | <u> </u> | | | 61 | | | | | _ | | | L. | Ш |
| _ | 12 | 1 | 1 | _ | _ | | | <u> </u> | <u> </u> | <u> </u> | | | 62 | \vdash | | | | _ | \vdash | <u> </u> | | Н |
| | 13 14 | 1 | 1 | H | ├ | - | - | _ | \vdash | _ | | | 63 | | | | _ | | | | <u> </u> | Н |
| \dashv | 15 | 1 | 1 | \vdash | - | \vdash | - | - | - | \vdash | | | 64 65 | Н | | | - | \vdash | \vdash | \vdash | - | $\vdash\vdash$ |
| \dashv | 16 | Ť | 1 | ╁ | \vdash | \vdash | - | \vdash | \vdash | ⊢ | | | 66 66 | Н | | | H | H | - | \vdash | \vdash | Н |
| \dashv | 17 | Ì₹ | 1 | | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | | <u> </u> | 67 | Н | | | <u> </u> | H | - | \vdash | \vdash | Н |
| | 18 | - | Ì | | Н | | \vdash | \vdash | \vdash | \vdash | | | 68 | | | | | \vdash | - | | \vdash | Н |
| | 19 | | <u> </u> | | Г | | | | | Г | 1 | | 69 | | | | | | T | | ┢ | П |
| | 20 | | | | | Г | | Г | | | | | 69 70 | | | | | | | | | П |
| | 21 | | | | | | | | | |] | | 71 | | | | | | | | | |
| | 22 | | | | | | | | | | | | 72 | | | | | | | | | |
| | 23 | L | | _ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | | | <u> </u> | _ | | | 73 | | | | | | | | | |
| | 24 25 | | | <u> </u> | <u> </u> | | | | _ | <u> </u> | | | 74 | | | | <u> </u> | L. | L_ | L_ | <u> </u> | Ш |
| | 25 | ļ | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | _ | | | 75 | _ | | | | <u> </u> | ļ | <u> </u> | ╙ | Ш |
| | 26 | - | _ | ├ | ⊢ | | <u> </u> | <u> </u> | _ | _ | | | 76 | _ | | | | ļ | _ | | | Н |
| | 27 28 | | - | ⊢ | <u> </u> | ⊢ | | - | | ┝ | | | 77 78 | H | | | - | ├- | | | | \vdash |
| _ | 29 | ┝ | ┝ | - | ┢ | ⊢ | - | | | | | | 79 | - | _ | | - | | | \vdash | - | \vdash |
| | 30 | - | - | | ┢ | \vdash | ┢┈ | | | - | | | 80 | H | _ | — | <u> </u> | - | \vdash | \vdash | | Н |
| - | 31 | _ | - | | \vdash | \vdash | | | | \vdash | | | 81 | \vdash | | _ | - | \vdash | \vdash | | - | Н |
| | 32 | | | | | 1 | | \vdash | \vdash | _ | ١. | | 82 | | | | \vdash | ┢ | - | | \vdash | Н |
| | 33 | \vdash | | Г | \vdash | Г | \vdash | | T | T | i . | | 83 | | | _ | \vdash | Т | ┢ | Н | \vdash | H |
| | 34 | | | | | | | | | T | | | 84 | Г | | | ┈ | Т | Г | | Г | Н |
| | 35 | | | | | | | | | |] | | 85 | | | | | | | | | |
| | 36 | | | | | | | | | | | | 86 | | | | | | | | | |
| | 37 | _ | L | <u> </u> | _ | _ | <u> </u> | L | <u> </u> | | | | 87 | | | | _ | | L | L | | Ш |
| | 38 | _ | L | <u> </u> | | _ | <u> </u> | \vdash | L | | | | 88 | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | L | <u> </u> | Щ |
| | 39 | L | L | <u> </u> | ₽ | ⊢ | \vdash | \vdash | <u> </u> | _ | | L | 89 | <u> </u> | _ | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \vdash | Щ |
| | 40 | ⊢ | \vdash | ├ | - | ⊢- | ├- | | ⊢ | ⊢ | | | 90 | <u> </u> | _ | Щ. | \vdash | - | \vdash | \vdash | \vdash | $\vdash \vdash$ |
| | 41 | ⊢ | \vdash | | - | \vdash | ⊢ | ├- | \vdash | ├- | | | 91 | \vdash | _ | _ | ⊢ | - | \vdash | | - | Н |
| _ | 43 | ⊢ | \vdash | \vdash | \vdash | | ⊢ | ┝ | ⊢ | ⊢ | 1 | | 92 | \vdash | _ | _ | \vdash | - | \vdash | | \vdash | \vdash |
| | 74 | | - | \vdash | \vdash | - | | | - | ╁─ | 1 | | 94 | H | - | - | \vdash | ├ | \vdash | ╁ | \vdash | $\vdash \vdash$ |
| | 45 | | | \vdash | \vdash | \vdash | | _ | _ | \vdash | 1 | | 95 | H | \vdash | \vdash | - | \vdash | \vdash | \vdash | \vdash | $\vdash \vdash$ |
| | 46 | | - | T | | | H | Н | Г | | i | <u> </u> | 96 | \vdash | | \vdash | \vdash | - | \vdash | T | Н | Н |
| | 47 | Г | | T | Т | Г | Г | Г | | † - | ĺ | | 97 | | | | Т | Т | | Т | \vdash | Н |
| | 48 | | | | | l. | | Π | | T | 1 | | 98 | \vdash | | Г | Г | Г | Т | Т | \vdash | М |
| | 49 | | | | | Ĺ | | | | |] | | 99 | | | | | | | | | |
| | 50 | | | | 匚 | 匚 | | | Ľ | |] | | 100 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

| CI | aim | | | | (| Date | • | | | | |
|-------|-------------------|--------------|----------|----------|--------------------------------|--------------|----------|----------|-------------------------------------|-----------------|--|
| Final | Original | | | | | | | | | | |
| | 101 102 | | | | | | | | | | |
| | 102 | | | | | | | | | | |
| | 103 | | | | | | | | | | |
| | 104 105 | | | | | | | | | | |
| | 105 | | | | | | | | | | |
| | 106 107 | | | | | | | | | Ш | |
| | 107 | | | | | | | | | - | |
| | 109 | | | _ | | | | | | \dashv | |
| | 110 | | | _ | | | | | | Н | |
| | 111 | | | | | | | | | | |
| | 112 | | | | | | | | | | |
| | 111 112 113 | | | | | | | | | | |
| | 114 115 | | | | | | | | | | |
| | 115 | | | | | | | | | | |
| | 116 | | | | L | | | | Ц | | |
| | 117 | | L | _ | L | L_ | | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш | |
| | 118 | | | | _ | | | | | Щ | |
| | 119 | | | | | <u> </u> | | | _ | Н | |
| | 120 121 | | | | <u> </u> | - | | _ | _ | \vdash | |
| | 121 | _ | | | | \vdash | | - | | Н | |
| | 123 | | - | _ | \vdash | \vdash | \vdash | | \vdash | \dashv | |
| | 122 123 124 | | | | \vdash | - | | | | \dashv | |
| | 125 126 127 | | | | | | | | | \dashv | |
| | 126 | | | | | | | | | П | |
| | 127 | | | | | | | | | | |
| | 128 | | | | | | | | | | |
| | 128 129 | | | | <u> </u> | | | | | Ш | |
| | 130 | _ | | | L | L | | | | Щ | |
| | 131 | | _ | | <u> </u> | lacksquare | | L | _ | Щ | |
| | 132 | <u> </u> | _ | | <u> </u> | | - | _ | | Щ | |
| | 133 | H | _ | <u> </u> | - | | | _ | <u> </u> | Н | |
| | 133 134 135 | \vdash | \vdash | \vdash | \vdash | | \vdash | _ | \vdash | Н | |
| | 136 | \vdash | \vdash | - | \vdash | \vdash | - | - | \vdash | Н | |
| | 136 137 | - | _ | _ | \vdash | Н | \vdash | | \vdash | Н | |
| - | 138 | \vdash | | | \vdash | Г | Т | _ | | Н | |
| - | 138 139 | | | Г | Γ | | | | | П | |
| | 140 | | | | L | | | | | | |
| | 141 | | | | | | | | | | |
| | 142 | | | | $oxedsymbol{oxedsymbol{oxed}}$ | \Box | | | | | |
| | 143 | | L | Ь. | ∟ | <u> </u> | | | | Ш | |
| | 144 | | _ | <u> </u> | <u> </u> | <u> </u> | L. | | Ŀ | Щ | |
| | 145 | - | <u> </u> | <u> </u> | <u> </u> | | _ | \vdash | <u> </u> | Щ | |
| | 146 | H | ļ | \vdash | - | \vdash | <u> </u> | \vdash | \vdash | Н | |
| | 147 | \vdash | - | \vdash | | ⊢ | \vdash | \vdash | \vdash | $\vdash \vdash$ | |
| - | 148 149 | H | _ | \vdash | - | \vdash | \vdash | - | \vdash | H | |
| | 150 | - | - | ⊢ | \vdash | \vdash | \vdash | \vdash | \vdash | Н | |
| | 1,50 | Щ. | L | | L | | Щ. | L | Щ | لـــا | |